

March 22, 1999

The Lincoln Fire Department members continue to provide outstanding services to the citizens of our community. The challenge of fire protection, hazardous materials related emergencies, and response to emergency medical situations in our community has been met by the entire community. As a result we have a highly efficient response and control system for emergencies in our community. Good building codes, interest by citizens in community safety, fire safety prevention, education of our children, and the dedication of Lincoln's Firefighters in delivering emergency services, all go hand in hand making our community an outstanding place to live.

Support received from the Mayor, City Council and citizens help to enhance the quality of life in our community by providing adequate resources for the fire department to meet emergencies as they occur in Lincoln.

With great regret I must report there were four adult fire fatalities in 1998. Three of these fatalities were the result of arson, and 1 fatality was from smoking. The Department continues to strive to prevent these needless losses.

The annual cost per citizen for fire protection was \$67.75 or 19 cents per day. The annual fire property loss per citizen was \$12.44 or 3 cents per day in 1998.

Thanks to all the dedicated members of the Lincoln Fire Department and the citizens of our community for making 1998 a safe year in Lincoln.

Sincerely,

Michael Merwick
Fire Chief

If you would like more information about the Lincoln Fire Department activities
or programs write to:

Lincoln Fire Department
1801 "Q" Street
Lincoln, NE 68508

or
Visit our Web Site at:

<http://interlinc.ci.lincoln.ne.us/interlinc/city/fire/index.htm>

or
e-mail us at:

fire@ci.lincoln.ne.us



CREDITS:

Lincoln Fire Department Employees
Editor: John Huff
Copy Editor: Julie Marget

Printed by: City of Lincoln - Fire Department

City of Lincoln Statistics

Population: 212,030

Government: Mayor-Council

Land Area: 69.73 Square Miles

City Budget: \$90,804,752.00

Parks: 5,062 Acres

Roadways: 850 Miles

Fire Hydrants: 7,334

City of Lincoln Vision

We are a team dedicated to continuously improving the services we provide to customers.

Mission

*We value community resources
and pledge to use them wisely and efficiently.*

We appreciate and welcome ideas.

*We work in partnership
with the community and with each other.*

*We strive to balance competing
interests to insure win-win outcomes.*

We take pride in the services we deliver.

We value and respect the citizens and employees of Lincoln.

We work with integrity to make Lincoln better.

GOALS of the Lincoln Fire Department

1. Control of risk to lives, property, and the community
2. Provision of basic and advanced life support emergency medical services
3. Public awareness and interaction with fire prevention and safety programs
4. Reduction of fire loss
5. Provision of efficient services at the minimum cost
6. To seek compliance of modern fire codes
7. Elimination of service overlaps between departments and agencies
8. Establishment of total quality management practices, allowing the greatest input, leadership, and effectiveness to accomplish all other goals
9. Provision of modern information management systems
10. Collection, retention, and analysis of information necessary to accomplish the established goals
11. Advanced planning and coordination of services

LINCOLN FIRE DEPARTMENT

1998 ANNUAL REPORT

TABLE OF CONTENTS

	Page
Chapter 1 Administration	1
Administrative Services	
Personnel Management	
Management Policies	
Urban Search and Rescue Network	
Master Plan Fire Protection	
Fire Department Museum	
Recruitment of Firefighters	
Chapter 2 Department Personnel	3
Administrative Organizational Chart	
Operations Center Organizational Chart	
Award Recipients	
Chapter 3 Emergency Services	8
Fire Suppression	
Emergency Medical Response	
Media Alert Program	
Hazardous Material Team	
Aircraft Rescue Firefighting	
Dive Rescue Team	
Chapter 4 Emergency Medical Services	10
Emergency Medical Activities	
Special Activities	
Chapter 5 1998 - Year in Review	12
Chapter 6 Fire Inspection Programs	13
Business Inspections	
Apartment Inspections	
Information For Tactical Operations	
Hazardous Material Inspections	

Chapter 7	Training Division Division Responsibilities Continuous Education Program Training Program Exchange	15
Chapter 8	Maintenance Division Duties Vehicle Fleet	16
Chapter 9	Community Fire Education Operations Center Annual Events Sesame Street Day Fire Department Day at the Zoo Poster Contest 1998 Fire Prevention Week Learn Not To Burn Program Learn Not To Burn Day Smoke Detector Program Project L.I.F.E. Firefighter For A Day/Media Day Lincoln Children's Museum Neighborhood Watch Programs Fire Hawk Program Clown Program Childrens Fire Safety House Fingertips Change Your Clock/Change Your Battery Speakers Bureau LFD Hospital Halloween Exceptional Programs "Go Right for Sirens & Lights" Program "P.O.P." - Pull Over Please" Program "Family Fire Safety Festival"	19
Chapter 10	Fire Loss Comparison Comprehensive City Surveys	25
Chapter 11	Lincoln Fire Department - Past - Present - Future Statistical Information	26

Administrative Division

The Administrative Division coordinates support services for all Divisions of the Fire Department through the Deputy Chief of Administration, five staff personnel, and Community Volunteers. Daily operations require providing administrative services, human resource management, physical resource management and developing and maintaining operating policies.

Administrative Services

Services include general correspondence with local, state, and national organizations; completing department operational reports to the State Fire Marshal, and clerical record keeping of financial expenditures to meet the fiscal budget goals.

The Systems Analyst provides computer support for present computer programs and equipment, and develops new computer programs for handling fire department information records.

Employees now review the management policies, committee minutes, and other communications on the mainframe terminals throughout the department. Paper copies have been eliminated. The results are a reduction in paper waste, a cost savings and the assurance that everyone has access to current information.

Nine committees are coordinated by the Administrative Chief including Research and Development of new policies and new equipment, Radio Communication, Business Inspections, Employee Assistance Program, Records Management, Cameo II computer for Hazardous Materials, Urban Search and Rescue, Civilian Recognition, the Volunteer Program, and part time student interns. The Hazmat coordinator also reports to the Administrative Chief.

Administrative personnel provide additional support to 40 committees and programs for fiscal management, information gathering, and clerical/typing of written records and committee minutes.

Personnel Management

Files of 259 personnel are maintained including payroll, leave records, promotions, transfers, retirements, special schools and training opportunities attended.

Recruitment, interview, and hiring of new employees requires year round planning to establish selection criteria, written testing, physical ability testing, and hiring of qualified applicants. Selecting new employees is coordinated with the City Personnel Department.

Personnel must be certified for promotion to Fire Captain and Fire Apparatus Operator (FAO). Certification for Fire Captain requires completion of Fire Officer I and II classes and Fire Service Instructor.

Management Policies

Updating and revising Management Policies is a continuous process of reviewing policies, gathering new information, rewriting, and approval by the Deputy Chiefs and final approval by the Fire Chief. Policies are divided into sections for Administration, Personnel Management, Computer Systems, Inspections, Management of Physical Resources, Emergency Operations, Health & Safety, and Training. These policies are now accessed on-line via computers located in all fire stations.

Urban Search and Rescue Network

The Federal Emergency Management Agency has developed an Urban Search and Rescue Network for the United States. This network consists of 27 task forces available to respond nationwide in the event of a Presidential disaster declaration. A task force consists of trained, equipped, and organized personnel capable of conducting Urban Search and Rescue. The task forces have been designed to include search, rescue, medical and technical elements to provide an integrated, self-contained approach to locating, extricating and treating victims.

Under the Federal Emergency Management Agency, Lincoln Firefighters are involved in training for the Urban Search and Rescue Network. The operational concept for activation of these task forces will be predicated on a request from the President of the United States. Within six hours of activation, task forces will assemble for airlift to the disaster scene with activation not to exceed ten days.

Master Plan Fire Protection

The Master Plan Committee updates and revises the Department's short and long term goals. Included is the continuing evaluation of the community's fire problems and the Lincoln Fire Department's changing role in protecting, training, and educating Lincoln citizens in fire safety and reducing fire hazards. Research continues on the city's growth. Fire stations should be located to provide a 3 to 4 minute response time to all areas.

Fire Department Museum

The Fire Department Museum opened in 1982 and features a 1911 American LaFrance fire engine, the first motorized piece of equipment purchased by the City of Lincoln and still operational. Around the walls are displays of historical Firefighting equipment used in Lincoln, and photographs which record events and personnel in the history of the Lincoln Fire Department.

The museum coordinators catalog and display many of its hundreds of old pictures and assortment of equipment. Retired firefighters have helped identify people and old equipment being used in the pictures. Without the museum a lot of valuable history would be lost.

Recruitment of Firefighters

The Recruitment Committee maintains a Calendar of Events for career opportunities, open houses at high schools, community colleges, universities, and community groups. Organizations assisting people in career placement is advised of available Fire Department speakers. Firefighting as a career choice requires learning a wide variety of skills to provide effective Firefighting, rescue, emergency medical services, fire prevention and public safety programs.

The Y.W.C.A. and the Fire Department jointly provide a program of physical and academic preparation for firefighter applicants. The program is open to all applicants with the Y.W.C.A. providing the classroom training and the Fire Department supervising use of the Fire Department Training Center for physical ability training.

CHIEF**Michael Merwick****OFFICE STAFF****Terry Biggerstaff****Sandy Yost****Donna Gustafson****Julie Marget****Kim Kabourek**

Administrative Officer

Administrative Secretary

Systems Coordinator

Office Assistant III

Operations Clerk

ADDITIONAL PERSONNEL**Kim McKay**

Drill Master

James Banister

Fire Equipment Mechanic

Gary Butcher

Fire Equipment Mechanic

DEPUTY CHIEFS**John Huff**

- John currently serves as Deputy Chief for Administrative Services with Lincoln Fire Department. His 25 year career with the department began as a firefighter. John has served as a company officer on both engine and truck apparatus and deputy chief in emergency services. In his current capacity as chief of administration, he is responsible for the administrative functions of the department including personnel issues, payroll, budget records, the Haz/Mat program, facilities construction and renovation, and special projects.
- As coordinator for special projects, John is Project Manager for the Lincoln Fire Department's FEMA Urban Search and Rescue Task Force. As task force team leader, John manages the development of the task force. John is currently chairperson of the Fire Protection Advisory Committee at Southeast Community College.
- John is a graduate of the Southeast Community College Fire Protection Program, the National Fire Academy - Executive Fire Officer Program and holds a BA in Public Administration from Doane College.
- John has contributed to both local and national publications which include Fire Command and Fire Chief magazine.

Jerry Malek

- Jerry currently serves as Deputy Chief of Maintenance with Lincoln Fire Department. His 36 year career with the department began as a firefighter, and has served as an FAO, and Fire Equipment Mechanic.
- In his current capacity as Chief of Maintenance, he is responsible for repair and preventive maintenance of the entire vehicle & equipment fleet. He also directs the development of specifications for apparatus & equipment purchases. Jerry assisted in the development of the departments defensive driving and fire apparatus certification programs. He has served on the Police and Fire Pension Committee.
- Jerry is a graduate of the Southeast Community College Fire Protection Program. He holds numerous professional certifications.

Bill Madison

- Bill currently serves as Deputy Chief for Emergency Medical Services with Lincoln Fire Department. Bill was selected from a nation wide search to become Lincoln's first Chief of EMS in 1994. Bill has been involved in providing EMS care for over 36 years. Bill left a position as Deputy Director for the International Association of Fire Chiefs to become Deputy Chief of EMS. In his current capacity he is responsible for the oversight and training for all EMS related topics. He is also responsible for EMS Quality service. Bill is responsible for the successful implementation of the Paramedic Engine program.
- After earning his bachelors degree from Kansas State, he enlisted in the Navy, and completed tours in Viet Nam and the Pacific. Bill completed paramedic training at Eastern Virginia Medical school in 1979. He was an adjunct faculty instructor at the George Washington University Medical School in Washington.
- Bill currently serves on the State of Nebraska EMS Task Force, the Children Injury Prevention Task Force and the Nebraska State Data Collection Task Force.

Danny Wright

- Danny currently serves as Deputy Chief of Training. His 22 year career with the department began as a firefighter. Danny has served as a Fire Apparatus Operator, and company officer on both engine and truck apparatus. As a Fire Captain he was assigned as a member of the Hazardous Materials Team. In his current capacity as chief of training, he is responsible for the development and delivery of training curriculum for all fire and emergency skills for all department personnel. Danny has been a Fire Service instructor for more than 26 years teaching for the Nebraska Fire Service and the State Fire Marshals office and the Nebraska Emergency Management Agency through out the state and the Midwest.
- Danny is a graduate of the Southeast Community College Fire Protection Program, and is currently participating in the National Fire Academy - Executive Fire Officer Program.
- Danny serves as a Task Force Leader for the FEMA Urban Search and Rescue Team. Danny serves as the department representative for the Lancaster Mutual Aid Association, and the Federal Region VII Training Resource and Data Exchange (TRADE) organization.

Jerry Greenfield

- Jerry currently serves as Deputy Chief in Emergency Services with Lincoln Fire Department. His 40 year career with the department began as a firefighter. Jerry has served as a company officer on both engine and truck apparatus. In his current capacity he is one of six duty shift Deputy Chiefs. He is responsible for the management of 7 fire stations and approximately half of the 80 on duty personnel on the 24 hour duty shift.
- As a deputy chief Jerry has oversight responsibility for numerous fire department committees. Jerry serves as a Task Force Leader for the FEMA Urban Search and Rescue Team.
- Jerry is a graduate of the Southeast Community College Fire Protection Program. He has attended the National Fire Academy - Executive Fire Officer Program and he has attended OSHA Safety Officer classes.

Ron Kennett

- Ron currently serves as Deputy Chief in Emergency Services with Lincoln Fire Department. His 35 year career with the department began as a firefighter. Ron has served as a fire apparatus operator and company officer on engine apparatus. In his current capacity he is one of six duty shift Deputy Chiefs. He is responsible for the management of 7 fire stations and approximately half of the 80 on duty personnel on the 24 hour duty shift.
- As a deputy chief Ron has oversight responsibility for numerous fire department committees. Ron serves as a Task Force Leader for the FEMA Urban Search and Rescue Team.
- Ron joined the Navy in 1959 and trained in underwater demolition. He was involved with the FIRST Navy seal team, assigned to Seal Team One, which served in Vietnam in 1962. He is a graduate of the Southeast Community College Fire Protection Program. He has attended courses at the National Fire Academy, and Hazardous Materials Training at Texas A&M University.

Richard Furasek

- Rich currently serves as Deputy Chief in Emergency Services with Lincoln Fire Department. His 20 year career with the department began as a firefighter. Rich has served as a fire apparatus operator and company officer on engine apparatus. In his current capacity he is one of six duty shift Deputy Chiefs. He is responsible for the management of 7 fire stations and approximately half of the 80 on duty personnel on the 24 hour duty shift.
- As a deputy chief Rich has oversight responsibility for numerous fire department committees.
- Rich is a graduate of the Southeast Community College Fire Protection Program, is participating in the National Fire Academy - Executive Fire Officer Program and holds a B.S. in Education.

Arnold Hart

- Arnie currently serves as Deputy Chief in Emergency Services with Lincoln Fire Department. His 32 year career with the department began as a firefighter. Arnie has served as a fire apparatus operator and company officer on engine apparatus. In his current capacity he is one of six duty shift Deputy Chiefs. He is responsible for the management of 7 fire stations and approximately half of the 80 on duty personnel on the 24 hour duty shift.
- As a deputy chief Arnie has oversight responsibility for numerous fire department committees. Arnie serves as a Search Team Manager the FEMA Urban Search and Rescue Team.
- Arnie joined the Navy in 1962 and served in Europe and the Cuba Missile Crisis in 1964. He is a graduate of the Southeast Community College Fire Protection Program. He has attended the National Fire Academy - Executive Fire Officer Program.

Dean Staberg

- Dean currently serves as Deputy Chief in Emergency Services with Lincoln Fire Department. His 25 year career with the department began as a firefighter. Dean has served as a company officer on both engine and truck apparatus. In his current capacity he is one of six duty shift Deputy Chiefs. He is responsible for the management of 7 fire stations and approximately half of the 80 on duty personnel on the 24 hour duty shift.
- As a deputy chief Dean has oversight responsibility for numerous fire department committees. Dean lead the 1997 Accreditation team for the department that resulted in the department becoming one of the first accredited fire departments in the United States. Dean serves as a Task Force Leader for the FEMA Urban Search and Rescue Team.
- Dean is a graduate of the Southeast Community College Fire Protection Program, the National Fire Academy - Executive Fire Officer Program and holds a BA in Public Administration from Doane College.

Larry Edwards

- Larry currently serves as Deputy Chief in Emergency Services with Lincoln Fire Department. His 29 year career with the department began as a firefighter. Larry has served as a fire apparatus operator and company officer on both engine and truck apparatus. In his current capacity he is one of six duty shift Deputy Chiefs. He is responsible for the management of 7 fire stations and approximately half of the 80 on duty personnel on the 24 hour duty shift.
- As a deputy chief Larry has oversight responsibility for numerous fire department committees. Larry serves as a Lead Logistician for the FEMA Urban Search and Rescue Team.
- Larry is a graduate of the Southeast Community College Fire Protection Program, is participating in the National Fire Academy - Executive Fire Officer Program.

Captains

Bill Moser	Willie Ernst	Michael Clements
Richard Cuba	Dale Wojtasek	Larry Nelson
Dennis Borchers	Mike Spadt	Dennis Miller
Floyd Miller	Ron Trouba	Larry Rakow
Marty Proctor	Dustin Morton	Robert Gade
Michael Hohbein	Gregg Wiese	Dale Finke
Tim Anderson	Ron Hohbein	Tom Hinzman
Jan Robertson	Garry Kuehn	Kenneth Bothwell
John Hibberd	Michael West	William Swenson
Leroy Novak	Tom Priefert	William Moses
James George	Lee Peterson	Robert Weddington
Dwayne Novak	Julio Talero	Michel Conditt
Mark Munger	Leo Benes	Derald Murell
Rick Grell	Randy Bohaty	George Amen
Gary Christman	Kelly Newton	Gary Leyden
Francis Tomcak	Hal Kennedy	Darrell London
Tim Sherwood	Bret Davis	Richard Pickel
Bruce Sellon	Bruce Elsberry	Pat Borer
Jerry Gettman	John Arnold	Arnold Jensen

F.A.O.'s

Richard Dillon	Jeff Gottbreht	Mark Linke
Kevin Barry	Dan Harlan	Ron Hassebroek
Jeff Grasmick	Dennis Kruse	Gregory Contreras
Bill Hershberger	Rob Adams	Terry Bouma
Barry Knopik	Paul Thege	Richard Newell
Jon Enevoldsen	Ronald Wolf	Richard A Klein
John Ware	Thomas Mann	Ron Carlson
Dwayne Koranda	Richard Klein	Kent Kobza
Robert Cunningham	Dennis Klein	John Olig
Martin Remmenga	Dolyn Meinke	Craig Cheney
John Schmidt	Eldon Mannschreck	Stewart Shepard
Roger Dondlinger	Dave Friedman	Dan McIntosh
John Bills	Douglas Dow	Richard Paulson
Dan Piersol	Robert McKay	John Lemke
Kenneth Lintz	Dennis Bohlken	Scott Thompson
Dan Bare	Richard Jones	Richard Zechmann
Arthur Kavan	Charles Province	Kevin McCoy
Ken Hilger	Terry Houchen	Mark Gronewold
Charles Hansen	Robert Reynolds	Ralph McGuire
Scott Renken	Doug Anderson	Gary Gauchat
Larry Scranton	Mike Kolb	Charles Struble
Darrell Cox	Glen Kempf	Kenneth Payne
Don Williams		Bruce Worth

Firefighter/Paramedics

Scott Wiebe	Jason Ortman	Dan Jones
Rick Campos	Chris Jones	Eric Jones
John Weyers	Daniel	Damon Robbins
Rick Schneider	Winkenwerder	Scott Williamson
Dustin Witherspoon	Jon Patton	Dennis Clark
Steve Saathoff	Matt Vonderfecht	Jeff Hatcher
Scott Bastin	Dean Delany	Scott Dull
Jeff Leaf	Aaron Drake	Gregg Kasson
Roger Bonin	Craig Clark	Debbie Lefferts
Tony Chapp	Maggie Alberts	James Bopp
James Riley	Jeanne Pashalek	Gregg Fisher
Mickey Roscoe	Carolyn Magor	Peter Eppens
Francisco Martinez	Todd Gilkison	Scott Nydahl
Guy Pinkman	William Yindrick	John Warner
Mark Darrington	Dave Engler	Michael Meyer
Jarrett Johnson	Steve Novak	
Daryl Hartley	Carol Weigand	
David Lorenzen		

Firefighters

Hien Nguyen	Tod Allen	Rita Makovicka
Dan King	Mike Wright	Shawn Podraza
Mike Moss	Byron Yung	Annette Woehrer
Curt Faust	Mike Schmidt	Ken Gaughran
Neil Bell	Kyle McCown	Jayson Layton
Gary Worster	William Prabulos	Joseph Millard
Sterling Gray	Kevin Johnson	Albert Maxey
Dan Krause	Kevin Searle	Mike Mayfield
Steve Saathoff	Guy Jones	Brad Moslander
Dan Harms	Kent Studnicka	Randy Case
Troy Boothe	Chad Roof	Dennis Bowers
Dave Allison	Brad Luedke	Mark Heithoff
Tracy Spivey	Jay Adams	Andrew Garivay
Kris Draper	Michael Green	Matt Dowell
William Fowler	Bob Borer	Troy Kash-Brown
Tony Chapp	Jennifer Lloyd	Nicholis Thill
David Backhus	Larry Rayburn	John Christen
Dave Luedtke	Alan Bruns	Mike Love
Ken Hilger	Charles Province	Mark Gronewold
Art Longoria	Tod Sehnert	Jerry Hesser
Mike Novak	Ron Nunan	Dave West
Mark Eberspacher	Bob Watton	Steve Dolezal
Jason Schmale	Jeremy Hosek	Mike Smith
Jeff Meinke	Jeff Topil	Shawn Mahler
Dawn Clements	Mark Majors	Marianne Holgate
Denise Dickinson		Mike Stroud

1998 Lincoln Fire Department Retiree's January 1, 1998 - December 31, 1998

Jerry Gettman

Richard Jones

Larry Rakow

Award Recipients

1998 Lincoln Fire Department Personnel Awards

Name	Award Received	Reason	Date
Bill Madison	Law Enf. Officer of Year	Capital City Foot Printers Assoc.	11/21/98
Danny Wright	Innovator of the Year	Inter. Society of Fire Instructors	24/98
Larry Edwards	Unit Citation Award	Rescue Alarm-84th/"O"	6/2/98
John Christen	Unit Citation Award	Rescue Alarm-84th/"O"	6/2/98
William Moses	Unit Citation Award	Rescue Alarm-84th/"O"	6/2/98
Stewart Shepard	Unit Citation Award	Rescue Alarm-84th/"O"	6/2/98
Dennis Bowers	Unit Citation Award	Rescue Alarm-84th/"O"	6/2/98
Andrew Garivay	Unit Citation Award	Rescue Alarm-84th/"O"	6/2/98
John Lemke	Unit Citation Award	Rescue Alarm-84th/"O"	6/2/98
Derald Murrell	Unit Citation Award	Rescue Alarm-84th/"O"	6/2/98
Scott Nydahl	Unit Citation Award	Rescue Alarm-84th/"O"	6/2/98
Brad Moslander	Unit Citation Award	Rescue Alarm-84th/"O"	6/2/98
Jerry Hesser	Unit Citation Award	Rescue Alarm-84th/"O"	6/2/98
Darrell London	Unit Citation Award	Rescue Alarm-84th/"O"	6/2/98
Jeff Hatcher	Unit Citation Award	Rescue Alarm-84th/"O"	6/2/98
Dwayne Koranda	Person in Blue	Lincoln Women's Insurance	5/19/98
Dave Freideman	Firefighter of the Year	American Legion Award	3/31/98
Bill Moser	Unit Citation Award	Elevator Rescue/city/co Bldg.	3/24/98
Rich Dillon	Unit Citation Award	Elevator Rescue/city/co Bldg.	3/24/98
Hien Nguyen	Unit Citation Award	Elevator Rescue/city/co Bldg.	3/24/98
Scott Wiebe	Unit Citation Award	Elevator Rescue/city/co Bldg.	3/24/98
Tony Chapp	Unit Citation Award	Elevator Rescue/city/co Bldg.	3/24/98
Dwayne Novak	Unit Citation Award	Elevator Rescue/city/co Bldg.	3/24/98
John Bills	Unit Citation Award	Elevator Rescue/city/co Bldg.	3/24/98
William Fowler	Unit Citation Award	Elevator Rescue/city/co Bldg.	3/24/98
Shane Cuttlers	Unit Citation Award	Elevator Rescue/city/co Bldg.	3/24/98
Barry Knopik	Unit Citation Award	Elevator Rescue/city/co Bldg.	3/24/98
Neil Bell	Unit Citation Award	Elevator Rescue/city/co Bldg.	3/24/98
John Weyers	Unit Citation Award	Elevator Rescue/city/co Bldg.	3/24/98
Jeff Grasmick	Unit Citation Award	Elevator Rescue/city/co Bldg.	3/24/98
Mike Moss	Unit Citation Award	Elevator Rescue/city/co Bldg.	3/24/98
Jerry Greenfield	Unit Citation Award	Elevator Rescue/city/co Bldg.	3/24/98
Dean Staberg	Certificate of Appreciation	Bat Training Scc	3/24/98
Bruce Sellon	Certificate of Appreciation	Bat Training Scc	3/24/98
Craig Clark	Certificate of Appreciation	Bat Training Scc	3/24/98
Jeff Leaf	Certificate of Appreciation	Bat Training Scc	3/24/98
Mark Gronewold	Certificate of Appreciation	Bat Training Scc	3/24/98
David Lorenzen	Certificate of Appreciation	Bat Training Scc	3/24/98
Scott Thompson	Certificate of Appreciation	Bat Training Scc	3/24/98
John Christen	Certificate of Appreciation	Bat Training Scc	3/24/98
Arnold Jensen	Certificate of Appreciation	Bat Training Scc	3/24/98
Peter Eppens	Certificate of Appreciation	Bat Training Scc	3/24/98
Chad Roof	Certificate of Appreciation	Bat Training Scc	3/24/98
Marianne Holgate	Certificate of Appreciation	Bat Training Scc	3/24/98
Dennis Bowers	Certificate of Appreciation	Bat Training Scc	3/24/98
Randy Case	Certificate of Appreciation	Bat Training Scc	3/24/98
Christopher Mccown	Certificate of Appreciation	Bat Training Scc	3/24/98

Carolyn Magor	Certificate of Appreciation	Bat Training-Scc	3/24/98
Jeff Topil	Certificate of Appreciation	Bat Training Scc	3/24/98
Mark Majors	Certificate of Appreciation	Bat Training Scc	3/24/98
Darrell Cox	Certificate of Appreciation	Bat Training Scc	3/24/98
Dennis Miller	Unit Performance Award	Apt Fire-3921 Baldwin	1-21-98
Ken Gaughran	Unit Performance Award	Apt Fire-3921 Baldwin	1-21-98
Eric S. Jones	Unit Performance Award	Apt Fire-3921 Baldwin	1-21-98
Mike Smith	Unit Performance Award	Apt Fire-3921 Baldwin	1-21-98
Tom Hinzman	Unit Performance Award	Apt Fire-3921 Baldwin	1-21-98
Kent Kobza	Unit Performance Award	Apt Fire-3921 Baldwin	1-21-98
Mike Mayfield	Unit Performance Award	Apt Fire-3921 Baldwin	1-21-98
Albert Maxey	Unit Performance Award	Apt Fire-3921 Baldwin	1-21-98
Dale Finke	Unit Performance Award	Apt Fire-3921 Baldwin	1-21-98
Ron Carlson	Unit Performance Award	Apt Fire-3921 Baldwin	1-21-98
John Warner	Unit Performance Award	Apt Fire-3921 Baldwin	1-21-98
Brad Moslander	Unit Performance Award	Apt Fire-3921 Baldwin	1-21-98
Leo Benes	Firefighter of the Year	Eagles Club	2-8-98

Citizen Awards

Name	Award Received	Reason	Date
Shannon Zilda	Honorary Firefighter	Assist E14 Stuck in Snow	3-8-98
Dan Denton	Honorary Firefighter	Assist E14 Stuck in Snow	3-8-98
Carl Roemer	Honorary Firefighter	Assist E14 Stuck in Snow	3-8-98
Jeremy Knodel	Honorary Firefighter	Assist E14 Stuck in Snow	3-8-98

Corporate Awards

Name	Award Received	Reason	Date
Ayars & Ayars	Certificate of Recognition	Member/usar Task Force	5/01/98
Rural Metro	Certificate of Recognition	Member/usar Task Force	5/01/98
Dave Kaplan	Cert. Appreciation	Stanley Tool Training	3/30/98
Terry Wallace	Cert. Appreciation	Stanley Tool Training	3/30/98

Emergency Services Division

Fire Suppression

Emergencies are responded to from 14 fire stations located throughout our city of 209,192 citizens in an area of 69.73 square miles. The 14 Engine and 4 Ladder apparatus are staffed by a Captain, Fire Apparatus Driver, one Firefighter, and one Firefighter/Paramedic (Engines Only). The city is divided into 92 fire response zones with an average response time to emergencies of 3.23 minutes from the time of dispatch. District Two covers the west half and District Three covers the east half of the city.

A total of 509 fires caused a fire loss of \$ 2,613,519.00 which is 101 fewer fires than in 1997. The Department responded to 599 Hazardous Conditions incidents in 1998, this decreased by 384 from 1997.

A comparison Summary of Activity, 1994-1998, is included in the Appendix covering Fires, Emergency Medicals, Hazardous Conditions, Public Services Assist, and False Calls. Additional summaries cover Total Fire Loss, Fire Fatalities/Injuries, and Response Times.

Media Alert Program

The Media Alert Program allows the notification of the news media when the Lincoln Fire Department is involved in a working fire or serious emergency. Two fire stations are designated the responsibility to call the news media's prearranged phone numbers. The program develops a good relationship between the media and fire department, allowing the public to learn quickly of emergency situations and areas to avoid due to emergency vehicles blocking streets. The quick notification allows media reports to respond and give on-scene news reports.

Hazardous Material Team

The Haz/Mat Team is comprised of personnel on each shift assigned to Engine 2, Engine 9, and Engine 14. The Haz-Mat 14 vehicle is equipped with special protective clothing and gear, equipment, tools, containers, reference materials, and communications equipment.

With more and more hazardous materials being manufactured, transported, and stored in and around Lincoln, it is necessary to have Lincoln firefighters trained in dealing with incidents that involve hazardous materials. Haz/Mat Team members have completed advanced Haz/Mat training. All LFD personnel complete training in basic recognition and identification of Haz/Mat, and Operating Level.

Haz-Mat 14 from Station 14 will respond with Engine 2 to all incidents on the west side of the city and with Engine 9 on the east side. Haz-Mat 14 will also respond to certain businesses and complexes with known supplies of hazardous materials. LFD has a mutual aid agreement with 21 area fire departments, and if any of these departments have a Haz/Mat incident, Haz-Mat 14 will respond in an advisory capacity.

To keep abreast of all the different types of incidents and different methods of mitigating them, the Haz/Mat members are involved in a continuous training program including tank car classes at Pueblo, Colorado; Haz/Mat detection classes put on by the EPA; chemistry of Haz/Mat at the National Fire Academy; and Computer Aided Management of Emergency Operations (CAMEO). A new PC was installed on Haz-Mat 14 for the DOS based CAMEO data system with a back-up system in Station 14. Members also participate in monthly drills to maintain skills necessary to Haz/Mat incident operations.

Aircraft Rescue Firefighting ARFF

The Lincoln Fire Department provides fire protection at the Lincoln Airport in cooperation with the Lincoln Airport Authority. The Department provides personnel and training, while the Airport Authority provides the Crash Rescue Apparatus and the fire station building.

A Fire Apparatus Operator is assigned full time to the airport, with Engine 11 providing backup personnel and covering the Airpark businesses and residential area with fire protection and emergency medical response.

Six firefighters assigned to operate the Crash Rescue Apparatus attended a live fire drill in the Dallas, Texas, to meet FAA requirements.

During the year personnel responsible for Aircraft emergencies completed an FAA mandated 30 hour ARFF training program covering Federal Aviation Association standards. Information included:

The Incident Command System FAA Updates Strategy and Tactics for Aircraft Incidents Flammable Liquid Suppression Agents Critical Incident Stress Disease Control at Aircraft Disasters	Aircraft Accidents Aviation Hazardous Materials Problems Airport Familiarization Airport Security and Operations SCBA use with Aircraft Silvers Gear NE Army Guard Helicopter Rescue
---	---

Lincoln Fire Department Dive-Rescue Team

Ten lakes lie within the city limits providing a wide range of boating, fishing, and camping activities and an additional 22 with the county. Numerous streams and creeks cross the city. With water sports on the rise, these facilities are being stretched beyond their limits. Increased use of area lakes has dramatically increased the potential for water-related accidents and drownings. The need for a well-trained and equipped underwater rescue team is apparent. The Lincoln Fire Department Dive-Rescue Team serves the Lancaster County area and is ready to respond to any water-related incident in a timely and professional manner.

The Lincoln Fire Department Dive-Rescue Team has responded to a variety of rescue and recovery incidents within our jurisdiction. Some unique incidents have included the underwater recovery of weapons used during the commission of crimes, and the recovery of other items concealed in large bodies of water.

The on-duty Dive-Rescue Team consists of five divers. Training is scheduled on a monthly basis. All Dive-Rescue Scuba certifications are conducted by the Team Leader who is an Advanced Open Water Instructor through Scuba Schools International. New team members go through an intensive training program that includes five indoor pool sessions and five open water dives. After successfully completing the water/classroom training and the written test, they are certified as Open Water Scuba Divers.

The Dive-Rescue Team consists of 15 firefighters, five per shift, who are certified Scuba Divers, and a number of shore personnel who assist at the scene. Each team member is supplied with basic equipment including: wetsuit, mask, fins, snorkel, boots, gloves, and weight belt. The team has six stabilizing jackets, 12 air bottles, a portable compressor, various ropes and equipment. Team members can operate from the shore or dive rescue boat.

Emergency Medical Services Division

Emergency Medical Activities

Numbers of responses to medical emergencies continued to grow in 1998. Lincoln's firefighter/paramedics responded to 8,364 medical incidents during 1998, this was 530 more responses than in 1997.

A paramedic engine company continues to respond to all 911 requests for medical assistance within the city. The average response time for an engine was 3.2 minutes during 1998. Fire department paramedics accompany all critical patients in the ambulance to the emergency department.

The never-ending process of medical training for all firefighters continues in 1998. All of Lincoln's firefighters are EMTs and along with the paramedics they are tasked with completing many hours of Continuing Education Units (CEU's) each year to maintain their State and National Medical certifications. Together with assistance from local medical experts from Lincoln's hospitals the Lincoln Medical Education Foundation conducts monthly "hands-on" training with each crew in their fire station. Monthly video training with written exams and monthly crew training by the assigned paramedic are also a part of the continuing education plan for all firefighter/EMTs. In 1998 all LFD crews additionally completed a course in pediatric emergencies similar to the PALS course. Engine companies also participate in several monthly "chart-reviews" conducted by the system QA coordinator and attended by the medical director. Paramedics have additional CEU requirements.

During 1998 all engines and trucks were outfitted with the new LifePak 12 AED, defibrillators with external cardiac pacemakers. Our paramedics also completed training in the use of paralytic drug therapy for use in severe airway compromise situations requiring intubation.

Two new internal task forces were organized and became active in 1998. The equipment task force has revised the equipment carried on all paramedic engines and is evaluating several new pieces of EMS equipment for possible utilization by LFD crews. The QA task force began a procedure for internal monitoring of our paramedic medical procedures which includes monthly audits and chart reviews of significant calls within the Lincoln system.

New suction units, nasopharyngeal airways, intraosseous infusions and several new advanced life support drugs were added to our pre-hospital medical treatment capabilities in 1998. In addition to the standard ALS drugs, IV equipment and EKG monitors, Lincoln's paramedic engines also carry pulse oximeters, glucometers, digital thermoscan thermometers and external cardiac pacemakers.

During 1998 Lincoln Fire Department paramedics responded to nearly 10,000 (9,818) calls for emergency medical assistance. Fourteen patients found in full cardiopulmonary arrest survived their ordeal and were subsequently released from the hospital to return home. Interestingly, only three of these fourteen calls to 911 for help initially identified the medical emergency as a heart attack or cardiac arrest.

1998 Cardiopulmonary Arrest Saves

Date of Call	Dispatched For	Found Upon Arrival	Unit Responding
1/4/98	Weakness	Cardiac Arrest	E6C
1/5/98	Chest Pain	Witnessed Arrest	E5A
1/18/98	Heart Attack	Cardiac Arrest	E7A
2/28/98	Fainting/Syncope	Witnessed Arrest	E10B
3/23/98	Fall	Cardiac Arrest	E8B
4/17/98	Chest Pain	Witnessed Arrest	E1C
6/1/98	Seizure	Cardiac Arrest	E10A and T1A
7/2/98	Heart Attack	Cardiac Arrest	E5B
7/7/98	Seizure	Cardiac Arrest	E9C

7/24/98	Difficulty Breathing	Witnessed Arrest	E2B
9/2/98	Difficulty Breathing	Cardiac Arrest	E1B
9/5/98	Heat Stroke	Cardiac Arrest	Bike Medics
10/19/98	Heart Attack	Cardiac Arrest	E7B
11/24/98	Choking	Cardiac Arrest	E9B

Special Activities

In addition to several actual multiple casualty incidents (MCI's), our EMS crews participated in a large scale MCI drill at the Lincoln airport involving a simulated airliner crash. Media day activities demonstrated LFD's capabilities for the local press and our EMS crews were active participants for numerous health fairs and community awareness activities. LFD paramedics participated in the medi bike program to provide medical coverage at the annual Fourth of July day-long picnic event at Holmes Lake and the December Star City Parade downtown. Bicycle patrols also cruised the crowded streets around Memorial Stadium for Nebraska home football games.

A program to encourage the elderly members of our community to visit the fire stations for routine blood pressure checks continued in 1998. Participants received BP cards to retain a history of their readings. Compartmented pill boxes to organized medications by day of the week were also given to citizens visiting the fire stations.

"Friendly Phones", cellular phones, were added to all engines in 1998 for use by citizens involved in unexpected incidents to allow them to contact family members or friends in case of an emergency.

Training with the Star Care helicopter crews including actual helicopter landing and take-offs added to the capabilities of LFD's firefighters as they train to be ready for all contingencies.

December of 1998 found all firefighters attending CPR Renewal courses to recertify in cardiopulmonary resuscitation. Also in December, all employees recertified on the automatic external defibrillators, AEDs.

1998 Year in Review

January	Lincoln Fire Department successfully extinguished all fires before a major loss.
February	Lincoln Fire Department successfully extinguished all fires before a major loss.
March	<p>A suspected arson fire kills one man and destroys his home at 537 N. 26th street on the morning of March 1, 1998. Estimated damage to the home was \$70,000.</p> <p>A two-story house, valued at \$175,000 was completely destroyed in an afternoon fire.</p>
April	Lincoln Fire Department successfully extinguished all fires before a major loss.
May	Two men were killed in an arson fire in a garage at 505 S.W. 1 st street. Damage to the garage was estimated to be \$2500.00
June	Lincoln Fire Department successfully extinguished all fires before a major loss.
July	Lincoln Fire Department successfully extinguished all fires before a major loss.
August	Twenty-nine people - primarily children were sent to local hospitals when a Star Tran bus rear-ended a car on 27 th and Capital Parkway street near noon on August 1, 1998. The bus was taking the children to Star City Shores.
September	Lincoln Fire Department successfully extinguished all fires before a major loss.
October	One person died in an early morning apartment fire at 5043 Huntington street. The blaze began when the victim fell asleep while smoking. Damage to the house was estimated at \$50,000.
November	Lincoln Fire Department successfully extinguished all fires before a major loss.
December	Lincoln Fire Department successfully extinguished all fires before a major loss.

Fire Inspection Programs

The Inspection Program includes four areas which give the Lincoln Fire Department an opportunity to impress upon the public the need for Fire Prevention and the Department's active participation in preventing loss before it occurs. When fire hazards are located and corrected, the public benefits by the reduction of fire losses; reduction of fire deaths and injuries; and by educating the community to create a fire conscious working environment. The four areas are:

1. Business Inspections
2. Apartment Inspections
3. Information for Tactical Operations (IFTO)
4. Hazardous Material Inspections

Business Inspections

The Inspection Program requires an organized schedule of year round preparation, inspecting, and compiling reports. The Systems Coordinator supervises one firefighter who print and distribute the inspection forms to fire companies, and collect the forms for redistribution of violations to the Fire Prevention Bureau, sprinkler information to the Water Committee, and Hazardous Material information to the Haz/Mat Team at Station #14.

Over 5,294 businesses are inspected annually from April to September to identify and correct Fire Code violations. Included businesses are retail stores, offices, gasoline service stations, automobile repair garages, restaurants, and other commercial businesses. Familiarization inspections are conducted at restaurants and bars, hotels, motels, movie theaters, child care centers, schools, and state property. A working relationship between the Fire Department and businesses reduces fire losses, removes fire hazards, and minimizes economic loss to the community from a fire.

Apartment Inspections

Fire Companies inspected 965 apartment buildings in 1998 by checking hallways, alarm systems, storage areas, furnace rooms, fire extinguisher, and other fire code requirements. A Priority Check list and the computer inspection form lists hazards to check for and previous corrections by the tenants or landlord. Information is obtained for fire protection systems, location of alarm panels, sprinkler hookups, and shutoff for protection system. Apartment inspections are conducted from June through August and each fire company is assigned the responsibility for designated apartment buildings within their respective districts.

Information for Tactical Operations (IFTO)

The purpose for IFTO inspections is to identify specific information pertaining to a particular occupancy, which will better prepare the Fire Department for an incident at that location. Each fire company is required to complete one new IFTO and update one existing IFTO per year as coordinated by their Deputy Chief. Inspections can include private/public schools, universities, colleges, hospitals, nursing homes, churches, public building, (city, county, federal), and selected commercial business complexes.

Site plans are prepared for entry into the Master File, with copies to each Deputy Chief car and the Hazardous Materials Vehicle. Each fire station is issued a map book of IFTO site plans for training and review. A plot plan indicated bordering streets, hydrant locations, exposures and obstacles, primary and secondary access. A simple building floor plan includes overall building dimensions, major door, window, vent openings, and the location of fuel shut offs, PIVs (Post Indicator Valves) vertical standpipes, indicator panels, stair wells, roof access, and other fire safety or prevention features.

Hazardous Material Inspections

During business inspections, emphasis is placed on gathering hazardous material information for each business. A Hazardous Material Information Sheet is filled out for each business having quantities of a chemical that may cause concern in an emergency incident. Each chemical is listed with concentration and/or active ingredient, quality of each chemical, four digit UN number, and hazard class of the chemical. On the back of the sheet, a quick accurate map is drawn of the business showing areas storing chemicals with each area marked to correspond with each chemical listed on the front.

Once received, the chemical lists and drawings are entered into the CAMEO Computer Program on board Haz-Mat 14. This information is valuable during any emergency operation involving the business and the building.

Training Division

Division Responsibilities

Training Lincoln Fire Department personnel requires many hours of involvement by the Training Division staff and fire suppression personnel. The division is staffed by a Drillmaster coordinated by the Deputy Chief of Training. The division is assisted by a variety of on-duty suppression staff trainers and related personnel who have expertise in other fields beneficial to the department.

Initial new firefighter recruit training was contracted and delivered thru a cooperative effort of Southeast Community College, the Lincoln Fire Department, and the Nebraska State Fire Marshal's Training Division. Using this concept, an instructor from SCC was able to instruct basic firefighter principles of operation using the Lincoln Fire Department Training Manual, and IFSTA Essentials of Firefighting 3rd Edition. These principles cover the primary skills necessary for the new trainees to become part of a team and to perform as an emergency service person at the scene of an incident. Some examples are the proper



usage of ladders, fire hose, self-contained breathing apparatus (SCBA), the incident command system, fire behavior, hazardous materials operations level, rope rescue, computer entry, emergency medical procedures, and public fire education. Nebraska State Firefighter I Certification testing standards were met by all new recruits who participated. This certification meets or exceeds National Certification Standards.

Continuous Education Program

Maintaining the proficiency of the staff of fire officers and firefighters is the primary goal of the Lincoln Fire Department Training Division. To this end, training conducted in 1998 consisted of monthly essentials suppression videos, quarterly essentials, CD rom, teleconferences on Fire Investigation, Health Issues, Deferred Comp., Fitness, and Employee Assistance Program (EAP). Practical training continues in such programs as Driver's Certification, Foam Drills, Car Fire, Pump Drills SCBA use, house fires, high-rise fires and RIT (Rapid Intervention Team) training. An 8 hour refresher class on Hazardous Materials for "Operations Level", Technical Rescue training on High/Low angle rescue, dive rescue, confined space, building and shoring, trench rescue, and vehicle extrication, was delivered as well as fire suppression skills.

Fire Apparatus Operator Certification and recertification is administered by the Training Division and on-duty suppression staff. All candidates must complete written and practical testing prior to becoming certified and operating a fire apparatus in emergency situations.

In addition to providing the training curriculum for the Fire Department, the Deputy Chief of Training and Drillmaster are members of several different committees such as the Lancaster County Mutual Aid, Safety, Training, Wellness, Video, and the Continuing Education Committees.

Training Program Exchange

The Continuing Education Committee has been active throughout 1998. Goals are focused towards establishing educational enhancements for the Lincoln Fire Department members. An effort has been made in cooperation with fire administration to promote and encourage Lincoln firefighters to enter the application process for a variety of courses at the National Fire Academy. The Continuing Education Committee efforts have had a positive impact on increasing the number of applications and acceptance of fire personnel into the National Fire Academy.

An active role within the National Fire Academy Region VII T.R.A.D.E. (Training Resources and Data Exchange) conference by the Continuing Education Committee has been maintained. Lincoln Fire has asked for and received information on safety and training from several T.R.A.D.E. members.

Maintenance Division

The Maintenance Division is responsible for a continuous preventive maintenance program for 43 vehicles to ensure economical and efficient operation. Emergency vehicles include 14 Engine Companies, 4 Aerial Pumper Companies, 1 Brush Rig, 1 Hazardous Materials Vehicle, 1 Technical Search and Rescue Unit, Command Post, and 1 Mobile Air Unit. The Department has 3 reserve Engine Companies and 1 reserve Aerial Pumper Company and 15 support vehicles.

In 1998, all fire apparatus met the National Fire Protection Association(N.F.P.A.) Standards. Preventive maintenance checks for all engine and ladder truck companies are completed every 1,000 miles and other command and support vehicles at 2,000 mile intervals.

The annual D.O.T. Inspection Program of all emergency apparatus assured 100% compliance with the NTSB recommendations for periodic vehicle safety inspections. The Maintenance Chief tests and certifies practical skills for Drivers/Relief Drivers seeking Fire Apparatus Operators openings after personnel have passed the Training Division written test.

The Maintenance Division participates with Fire Administration in the development of fire apparatus specifications for a new engine company pumpers.

Maintenance Division personnel provide 24 hours emergency on-call service for all Fire Department apparatus equipment. Each Wednesday a general survey of the apparatus and its equipment is performed by the Fire Apparatus Operator assigned, and daily checks insure mechanical operation of each apparatus. Proper maintenance is the responsibility of all firefighters to keep all equipment in working condition for emergency operations.

Each January and June complete equipment inventories are taken by each apparatus. Each piece of equipment is given an identification number for recording location of all equipment the Lincoln Fire Department is responsible for.

VEHICLE FLEET

Vehicle	Type	Station	Year/Make	Age
Engine 1	Pumper-1250 GPM	1	97 E-One	2
Truck 1	75' Aerial/Pumper	1	96 E-One Century	3
Fire Car 2	Deputy Chief-Suppression	1	93 GMC Suburban	6
Truck 21	105' Aerial/Pumper	1	90 Pierce	9
Tech/Rescue 1	Technical Rescue Vehicle	1	82 Step Van	17
Fire Car 1 **	Fire Chief Vehicle	HQ	86 Chevy Suburban	13
F4	Deputy Chief of Administration	1	93 Crown Victory	6
F5	Deputy Chief of Training	1	88 Chevy Suburban	11
F6	Drill Master	1	89 Chevy Suburban	10
F7	Dive Rescue	1	85 Chevy Suburban	14
F8	Learn Not to Burn	1	78 Dodge	21
F9	Utility P/U	1	89 Ford P/U	10
EMS 1	Deputy Chief-EMS	HQ	95 Ford Explorer	4
Engine 2	Pumper 1250 GPM	2	95 E-One	4
Engine 3	Pumper 1250 GPM	3	89 Smeal	10
Engine 23 *	Pumper 1000 GPM	3	78 Smeal	21
Engine 4	Pumper 1250 GPM	4	92 Ferraha	7
CP 1	Command Post	4	73 Winnebago	26
Engine 5	Pumper 1250 GPM	5	92 Central States	7
Truck 5	75' Aerial/Pumper	5	96 E-One Century	3
Engine 25 *	Pumper 1000 GPM	5	84 FMC	15
Brush 5 **	Mini-Pumper 250 GPM	5	84 GMC	15
Engine 6	Pumper 1250 GPM	6	94 E-One Centry	5
Engine 26 *	Pumper 1000 GPM	6	82 Smeal	17
Engine 7	Pumper 1250 GPM	7	96 E-One Centry	3
Truck 7	75' Aerial/Pumper	7	96 E-One Centry	3
Engine 8	Pumper 1250 GPM	8	90 Central States	9
Truck 8	105' Aerial/Pumper	8	90 Pierce/Smeal	9
Engine 9	Pumper 1250 GPM	9	95 E-One Centry	4
Fire Car 3	Deputy Chief-Suppression	9	94 Chevy Suburban	5
Engine 10	Pumper 1250 GPM	10	93 Central States	6

Vehicle	Type	Station	Year/Make	Age
Engine 11	Pumper 1250 GPM	11	86 Smeal	13
Engine 12	Pumper 1000 GPM	12	80 Smeal	19
Engine 13	Pumper 1250 GPM	13	87 Smeal	12
Engine 14	Pumper 1250 GPM	14	88 Smeal	11
Haz/Mat	Hazardous Materials Vehicle	14	96 E-One Centry	3
Air 14	Mobile Air Cascade	14	96 Ford Step Van	3
Shop 1	Van	Shop	85 GMC 3/4 Ton Van	14
Rescue 5	Mini Pumper	11	84 GMC	15

* *Reserve Vehicle* ** *Support Vehicle*

Community Fire Education

The Lincoln Fire Department is committed to providing fire safety education to citizens in a variety of programs reaching all age groups, living and working settings, and educational units. Coordinating the program requires the commitment of our Government leaders, Fire Administration, Firefighters, community leaders, civic groups, schools and businesses.



Operations Center

Section leaders coordinate delivery of fire safety programs and design educational programs for presenting to special or targeted community groups such as civic groups, churches, homes or schools. Large programs require months of preparation, printing of program materials, and setting up the logistics to operate a successful event or education program.



Annual Events

The Fire Department organizes seven events for large group presentations each year in a structured environment; Sesame Street Day, Fire Department Day at the Zoo, Fire Prevention Week, Media Day, Home Builders Show, City Wide Fire Drill, and Learn Not To Burn Day.

Sesame Street Day

In 1997, preschool children were invited to learn fire safety with "Sesame Street Live" characters. Special stations teach Stop, Drop and Roll, Window/Door exit practices, and Match Safety.

Poster Contest

In September, 4th grade students are given a poster contest entry sheet to draw a fire safety message they have learned from the "Learn Not To Burn", behaviors in school or at fire department programs. Over 3,500 children participate and a winner is selected for each school. During Fire Prevention Week the winning posters are displayed at East Park shopping center, Chief Merwick and Mayor Johanns select a Grand Winner poster. The winning poster is placed on a billboard in Lincoln.

Project L.I.F.E.

Local Involvement in Fire Education (L.I.F.E.) is a preschool program that began in 1988. Preschools and elementary schools are involved, with over 750 children learning behaviors as "*Hot and Cold*", "*Get Low and Go*", and "*Stop, Drop, and Roll*". The lessons are based on the child's five senses and natural curiosity to learn.

Fire Department Day at the Zoo

The events begin with a one mile Fun Run for 500 to 700 elementary children and their parents through Antelope Park, Beeper the Clown starts the race driving his Engine 1/2, and is quickly passed by the young runners. Everyone is invited to visit the Zoo and Zooville Square where fire safety learning stations are set up. The Department appreciates the Children's Zoo participating and the event brings a large crowd out on a late May Saturday.

1997 Fire Prevention Week Activities

National Fire Prevention Week is in October , and the Lincoln Fire Department takes an active role in this annual event. Fire safety messages are the theme for the week with a number of activities planned throughout the city to help educate the community on fire safety.

Many Lincoln elementary and preschools scheduled the Lincoln Fire Department to represent fire safety education programs. All fourth grade classes in the city participate in a "Learn Not To Burn Poster Coloring Contest." Winners are picked from each elementary school and the grand prize winner has their poster made into a billboard and displayed in Lincoln. In addition, all fire stations give tours of their stations, and fire rigs visit schools displaying their specialized equipment.

Also in October Lincoln Fire Department representatives challenge everyone to "Check your Detector for Life" and join in by practicing their your home fire escape plan in our annual City Wide Fire Drill. The pre-taped broadcast shows a family going over their home escape plan with a Lincoln Fire Department representative. It also shows the whole family participating in a home fire drill, checking their smoke detector and going to their meeting place. Lincoln consistently is below the national average for fire loss and fatalities of comparable size cities. This is largely due to the year round effort by the Lincoln Fire Department to educate the citizens and their commitment to saving lives through education, quick responses to emergencies, and increased inspections of businesses in our community.

Learn Not to Burn Program

Each elementary school is assigned an Engine or Truck Company as a resource for fire safety advice and information on 25 key fire safety behaviors. The behaviors teach children to react in a calm and proper way to fire emergencies, and will be remembered as adults. Public and private schools participate in the program.

Learn Not to Burn Day

Canceled due to bad weather

Smoke Detector Program

The Department continued the free smoke detector program in 1997, with smoke detectors given to families and individuals who request one. The Department's goal is to have a working smoke detector in every house in the city. The program is financed through donations from local businesses, and has helped put a dent in the 1990 estimated 12,000 Lincoln homes without a smoke detector.

A Fire House is a Safe House

In 1998, the Lincoln Fire Department started a Fire House is a Safe House program. A fire House has always been known as a "safe house" but his program takes it one step further. Besides from the big Safe House signs, all stations are equipped with an outside 911 emergency telephone which can be used by people in trouble if firefighters are gone on another emergency. When a call is made, the emergency center knows immediately which fire house the call is coming from. This program gives people in any emergency a place to go to get help.

Firefighter For a Day/Media Day

The Department invites news media representatives, city administrators, and council members to the Training Center to perform fire fighting activities such as; climbing an extended aerial ladder, using breathing apparatus in smoke house, operation of rescue tools, water hose handling, medical equipment, and first aid. By hands-on experiences, the media learns the nature and reality of firefighter and can report emergency incidents with knowledge of how the actual operations are completed.

Lincoln Children's Museum

The Fire Department continues to maintain the fire safety exhibit developed in 1990 with the help of local businesses. The 911 phone system is averaging over 2,000 calls per month by children learning how to call in a fire emergency, hearing a taped fire safety message.

Additional displays include two computers teaching fire safety through questions and answers about fire and emergency situations, a fire hydrant cut in half allowing visitors to see the inner working parts, and a television for viewing of video safety messages. A large house diagram shows how to develop their own home escape plan, with a message on the importance of smoke detectors.

Neighborhood Watch Programs

The Fire and Police Departments combine their efforts at Neighborhood Watch meetings in discussing fire safety and crime prevention. Firefighters provide tips on smoke detectors, home exit drills, and general housekeeping to prevent fires. The cooperation between Fire, Police, and citizens exemplifies the environment Lincoln enjoys in protecting the lives and property of its people.



Fire Hawk Program

The Fire Hawk Program is coordinated through the Fire Prevention Bureau and the Juvenile Court in Lincoln for juveniles involved in starting fires. Once an evaluation is completed, the juvenile is referred to activities within the Fire Prevention Bureau (education/prevention), Fire Department (education/prevention/companionship), or community agencies (social/human/legal services). It is designed for the juvenile to identify firefighters as role models, and reduce or eliminate any repeat fire setting incidents.

Fingertips

This is a program in coordination with Aliant Communications. You can call 1722, Lincoln Fire Prevention and listen to a prerecorded message of Fire Prevention Tips. This year we added our public Fire Education dates to the recording in an attempt to reach more of the public.

LFD Clown Program

The Lincoln Fire Department Clown presentations teach that fire is a "tool and not a toy" and are scheduled for performances at many preschools and daycares. The clowns participate in department special programs such as Fire Department Day at the Zoo and Fire Prevention Week's "Learn Not To Burn" Day." There are 3 clowns that present our programs, Cinders, Boots, and Snuffy. The format assists in teaching children to stop playing with matches and helps to reduce burn injuries and deaths to our smallest citizens.

Children's Fire Safety House

A down-sized mobile replica of a two-story house, the Children's Fire Safety House is used to reinforce fire safety behaviors taught to children in the classroom by teachers and firefighters. This mini home on wheels is transported to area elementary children's activities and used as a practical tool to teach youngsters the skill involved in escaping and preparing for a house fire. Firefighters actually conduct fire exit drills with the children inside the Fire Safety House using electronically operated smoke detectors, a non-toxic smoke machine and red strobe lights to simulate a real house fire. Funds are raised periodically by a community wide fund drive and the donation of labor and materials by the Home Builders Association of Lincoln to keep the Fire Safety House in tip-top shape.

Firefighters begin their instruction with a brief oral presentation to the group. The presentation includes fire prevention instruction with attention given to home escape planning and smoke detector awareness.

Targeted age groups are fourth, fifth, and sixth grade elementary school children. The Fire Safety House is used to backup the National Fire Protection Associations (NFPA) "Learn Not to Burn" curriculum, Levels II and III, used in many elementary school systems throughout the United States.

Change Your Clock/Change Your Battery

This is a National Program to educate people on the importance of changing the battery in their smoke detectors. This program works in conjunction with daylight savings time as a reminder to change your smoke detector batteries once a year. We ask the citizens to change their batteries the same time they change their clocks back in October for daylight savings time.

Speakers Bureau

The Lincoln Fire Department has a pool of Firefighters that will speak at any public event or for any group, on fire education, fire extinguishment, or any fire department related topic.

Firefighter Hospital Halloween

The firefighters visit children in all three major hospitals in Lincoln who are unable to go trick-or-treating on Halloween. Sparky the Fire Dog assists the firefighters and hands out bags of toys to the children. Even though we are visiting the children for only a short time, it is something the children will remember for a lifetime.

Go Right for Siren and Lights

Every day, emergency vehicles respond to urgent calls for services from the public; yet, civilian drivers fail to yield to emergency vehicles. Emergency vehicles have two and one half times more crashes at intersections than non-emergency vehicles.

Through the "**GO RIGHT FOR SIRENS AND LIGHTS**" campaign, the Lincoln Fire Department works to reduce emergency vehicle accidents by increasing public awareness about how to respond to emergency vehicles when people encounter them while driving. Our goals are:

- Improve the response time of emergency vehicles
- Decrease the number of accidents, lost lives and injuries incurred by drivers failing to yield to emergency vehicles

The Lincoln Fire Department also utilizes handout material during station tours. Lincoln Fire Department gives teachers handouts to be passed along to the family. We need to make children aware. In sharing our experiences, we educate the children and encourage them to take this knowledge home to their parents.

P.O.P. - "Pull Over Please"

This is an educational program designed to educate our community on the procedures of what to do on the approach of emergency vehicles with red light and sirens sounding. The program provides an understanding of the Nebraska Statutes that pertain to emergency vehicles. P.O.P. gives the Drivers Education students knowledge of what to do when an emergency vehicle approaches with its lights and siren operating and provides actual pictures of emergency vehicle that have been involved in accidents when responding to emergencies in our community. This program is presented to senior high school students' in Driver Education Class by the Lincoln Fire Department in an effort to educate drivers and avoid future accidents with emergency vehicles.

Family Fire Safety Festival

Lincoln Fire Department and Lancaster County chapter of the Red Cross and ventures in partnership working together, collaborated to educate low income families in Lincoln, with children ages zero to six year of age in the home. Low income families with small children are educated about fire safety in a festive atmosphere in their neighborhoods or community centers, area fire stations or the schools in the area.

The grant from the National Red Cross was used up in 1997 so a financial sponsor had to be secured before the 1998 events could be held. VIP joined in this program and supplied the financial means to have the events in 1998, and all future events in the coming years. We used their mailing lists from the schools to send our fliers to school children in our target areas. A banner was purchased showing all sponsors' logos that were hung at all sites.

Coalitions were formed with several agencies, Social Services, State Farm Insurance, local restaurants, food service suppliers, local retailers, Cable Vision, the Shrine Circus Clowns.

Neighborhood association lists were utilized for mailings. All the people on the list were sent fire safety information such as EDITH, Home Escape Plans, lighter and match safety, cooking safety tips and free smoke detector program information, including the time and dates of the events.

An elementary school in an at risk neighborhood was chosen as one of the sites for these festivals, as well as fire station's in other target areas. This was to keep the focus local for that area and ease of getting to the events, for people who don't have personal transportation, or would not travel to attend the events. Free food and drink as well as prizes were offered at the events. They were scheduled so any working parents would be off from work and not have to worry about a meal for the family. Activities for these events were as follows: fire safety house, puppet theater, Fire Department and Shrine Circus Clowns, Sparky the fire dog, rig demonstrations, blood pressure screening, 911 phone simulator, baby sitter classes, lighter exchange, basic aid training, disaster services, parenting classes and CPR sign up. All coloring books and pamphlets were bilingual. Door fliers were hung door to door in target neighborhoods.

This is an on going program combining the resources of all agencies involved and using them in a festive atmosphere at the same time. For maximum exposure radio stations did live broadcasts from the centers giving fire safety tips to the radio audience while promoting the festivals. Posters were distributed in the target areas to businesses and local recreation centers. This allowed for maximum exposure for the events.

The problem addressed are fire fatalities in young children of low income families who don't have older children in school or day care. Lincoln lost three young children in single family fires between July and September of 1994. Nationally about 3,720 children die in fires each year. The death rates of preschool children age 5 and under is more than twice the national average.

There is a strong relationship between income and overall fires. The 1994 deaths were in families that all fit all the above categories. None of the families had working smoke detectors. The fires were started by the children playing with lighters.

A coalition with the Red Cross and Ventures in Partnership and other agencies have been formed through this program. Other significant programs have developed through this coalition, as well as improved inner agency involvement during regular incidents. Since the inception of this program there has not been a child related fire death in Lincoln. The evaluation of this program cannot realistically be in saved lives, although this is the ultimate goal. It will however measure the number of people attending the program, the scholarships given and number of smoke detectors placed in at risk homes.

Fire Safety Festival Attendance

1995 Attendance

1500 attended the kick off at the zoo.

825 attended the other six events at the rec. centers.

120 smoke detectors were placed in at risk homes.

1996 Attendance

950 attended the zoo event.

75 smoke detectors were placed in at risk homes

1997 Attendance

More than 500 attended the kickoff at fire station #10. Seven hundred and fifty informational pamphlets were placed on doors in the target area the week before the events were to be held. Three hundred and fifty attended the event at the willard center. Their mailing list of 2000 received fire safety and prevention information.

Two hundred attended Woodlawn trailer court. Seven hundred fliers were hung door to door in the surrounding trailer park. these included manufactured home safety info also.

1998 Attendance

This was our best year yet! With the addition of VIP and their contacts we were able to increase our promotion of these events with PSA's on several radio stations, as well as running dates and times of each event on cable channels. We had television media coverage at all the events.

More than 350 people attended the opening event at Arnold school in airpark. We debut our brand new puppets and puppet show material. 500 fliers were sent out thru their mailing lists, in the weeks before the event.

Fire station #5 had more than 750 people attend. The Shrine Circus Clowns joined us and they were a big hit. Truck 5 set up their aerial ladder and held a high rise demo for the audience as well as the tv crews that were covering the event. One thousand five hundred fliers were sent to three elementary schools announcing the event and what was going to be at the event.

Fire station #2 had more than 700 people attend. Two thousand fliers were sent out to three elementary schools announcing the time and activities that were going to be happening. The Shrine Circus Clowns joined us and will be at these events from now on.

Fire Loss Comparison City Surveys

1998 Survey				
City/State	Population	Dollar Loss	Fire Deaths	Ave Resp Time
Louisville, KY	282,340	9,861,754	6	4.88
St. Paul, MN	272,235	5,878,126	2	3.52
Birmingham, AL	265,000	11,178,948	12	5.0
Raleigh, NC	263,000	8,122,375	0	4.4
Anchorage, AK	260,000	45,500,000	7	5
Aurora, CO	255,000	1,764,867	0	4.35
Norfolk, VA	251,670	12,694,000	4	4.10
Riverside, CA	250,800	3,600,000	0	6.65
St. Petersburg, FL	245,000	8,000,000	4	5.0
Stockton, CA	241,000	7,106,605	3	N/A
Jersey City, NJ	240,000	N/A	4	3
Lexington, KY	239,942	5,356,244	7	4.0
Rochester, NY	231,636	N/A	4	3.5
Baton Rouge, LA	230,460	11,380,682	2	3-6
Akron, OH	216,882	4,960,594	4	4.25
Plano, TX	213,000	3,066,667	0	4.54
Lincoln, NE	212,030	2,613,519	4	3.2
Bakersfield, CA	209,000	4,054,495	0	N/A
Hialeah, FL	204,684	8,000,000	0	5.16
Madison, WI	204,630	865,173	0	5
Greensboro, NC	203,000	4,564,058	0	3.7
Richmond, VA	203,000	6,000,000	7	4.12
Montgomery, AL	200,000	4,023,535	1	3.37
Shreveport, LA	198,760	4,393,178	2	5.04
Lubbock, TX	197,670	3,093,547	3	4
Des Moines, IA	197,565	4,361,399	2	4.0
Chesapeake, VA	195,348	7,242,043	0	6.06
Yonkers, NY	193,816	N/A	6	3.48
Jackson, MS	192,923	5,869,210	11	5
Huntington Beach, CA	190,000	6,480,961	0	5

FUTURE OF THE LINCOLN FIRE DEPARTMENT

1998

The primary goal of the Lincoln Fire Department is to provide high quality cost effective service. This is done by continuing the programs that are working today to maintain the safe community we have come to know and enjoy. Future enhancement for the safety of our community are:

- Identify Additional pre-empt signals at intersections in community to maintain quick response and to reduce life and property loss.
- Review residential sprinkler ordinances.
- Cooperative effort with Neighborhood Watch to install residential smoke detectors.
- Apply for continued federal funding for equipment purchases and training from Urban Search and Rescue Task Force.
- Develop & Deliver Diversity Training Programs to members of the department
- Development of on-going Training Certification Programs as required by law in Confined Space/Trench Rescue, etc.
- Complete PC/File Server based information management system to replace existing mainframe system.
- Identify locations of future fire stations for a growing community.
- Explore technology solutions to support staffing & equipment needs.

5 - YEAR COMPARISON SUMMARY OF ACTIVITY

CODE SITUATION

	1994	1995	1996	1997	1998
FIRES, EXPLOSIONS					
11 Commercial Fire	59	67	52	51	45
11 Residential Fire	119	115	109	94	93
12 Outside of Structure Fire	72	64	60	49	42
13 Vehicle Fire	212	200	205	176	169
14 Trees, Brush, Grass Fire	190	150	149	99	66
15 Refuse/Garbage Fire	85	145	94	94	76
16 Explosion, No Fire Ensuing	5	3	5	4	5
17 Outside Spill, Leak w/Fire	6	3	5	10	3
18 Chimney Fires	10	4	11	12	9
73 System Malfunction	379	459	471	425	438
74 Unintentional Trip	222	134	136	123	145
Total Fires, Explosions	1,359	1,084	932	1,033	1,086
EMERGENCY MEDICALS					
32 Medical	5,981	6,507	7,262	7,834	8,364
39 False Call - Medical (EMS)	1,778	1,550	1,482	1,550	1,454
Total Emergency Medical Calls	7,759	8,057	8,744	9,384	9,818
FALSE CALLS - MISCELLANEOUS					
70 False Call, Other	261	325	337	354	334
71 False Call, Malicious	76	67	58	78	87
72 Bomb Scare, No Bomb	24	37	68	67	52
Nothing Found at Location	n/a	n/a	148	215	173
Total False Miscellaneous Calls	361	399	551	454	646

	1994	1995	1996	1997	1998
HAZARDOUS CONDITIONS					
41 Spills, Leaks, Fuel-No Fire	200	410	206	190	204
42 Explosion Device-Bomb, No Detonation	11	13	6	17	7
43 Excessive Heat	17	22	32	30	43
44 Power Line Down	26	17	54	403	25
45 Arcing, Shorted Elec. Equipment	87	83	101	141	79
46 Aircraft Standby-No Damage	33	30	20	14	19
47 Spills, Leaks-Hazardous Chemical	65	59	58	72	68
48 Aircraft Damage/No Fire	4	1	0	1	1
21 Steam Rupture	8	4	4	2	9
22 Check Extinguished Fire	0	0	91	106	127
Aircraft w/medical	0	0	0	0	4
49 Rescue Alarm	4	0	13	3	13
Total Hazardous Condition	455	629	555	979	579

PUBLIC SERVICES ASSISTS					
51 Lock Out	19	16	27	22	24
52 Water Evacuation	13	15	39	16	19
55 Public Service Assist	504	1,443	615	572	638
56 Illegal Burning	20	42	27	33	42
57 Fill In, Move Up, Standby	362	239	9	21	13
61 Smoke Scare	436	453	436	405	354
62 Wrong Location	3	1	5	0	1
63 Controlled Burn-Authorized	14	7	11	7	4
64 Lightning Strike	14	6	9	5	5
65 Steam, Gas Mistaken for Smoke	32	30	24	26	14
89 Natural Disaster	1	0	5	3	0
Total Public Service Assists	1,418	2,252	1,187	1,110	1,114

IN-SERVICE ACTIVITIES					
ADM, EMS, Haz-Mat, Special Training	22,410	19,931	26,329	26,212	21,981
Public Education	804	696	643	532	489
Fire Inspections	4,624	4,607	5,914	5,329	5,294
Total In-Service Activities	27,838	25,234	32,886	32,073	27,764

TOTAL DEPARTMENT ACTIVITY	39,190	37,655	44,855	45,033	41,007
----------------------------------	---------------	---------------	---------------	---------------	---------------

SUMMARY OF FIRE FATALITIES/INJURIES

	1994	1995	1996	1997	1998
FIRE DEATHS					
Civilian	4	1	2	0	4
Firefighter	0	0	0	0	0
Total Fire Deaths	4	1	2	0	4
FIRE INJURIES					
Civilian	16	13	6	21	19
Firefighter	10	19	19	14	20
Total Fire Injuries	26	32	25	35	39

FIRST-IN AVERAGE RESPONSE TIME

MINUTES	3.20	3.08	3.10	3.21	3.23
----------------	-------------	-------------	-------------	-------------	-------------

TOTAL FIRE LOSS

	1994	1995	1996	1997	1998
	\$1,979,970	\$9,130,926	\$3,645,963	\$3,954,832	\$2,613,519

LFD Costs Based on 1998-1999 Operating Budget

1998-1999 Budget

\$14,173,505.00

Department Operation Cost

24 hrs/day x 365 days/year 8760 hours/year

Cost/Hour for the department \$1,617.98

Annual/Cost/Capita* \$67.75

Daily/Cost/Capita* \$.19

Personnel Costs

FTE Hours Funded

Emergency Services

246 FTE x 2912 hrs/yr 716,352.00 hrs

Support Services

13.5 FTE x 2080 hrs/yr 28,080.00 hrs

FTE Total Hours 744,432.00 hrs

Department Cost/Hour/Employee \$19.78

Fire Loss

1998 Fire Property Loss \$2,613,519.00

Annual/Loss/Capita* \$12.44

Daily/Cost/Capita* \$.03

*Based upon Lincoln Population of 209,192